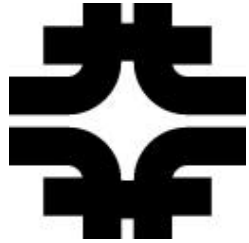


# *October USLHCNET meeting*

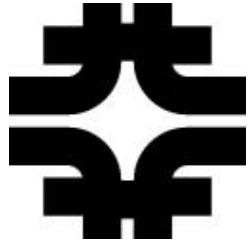
D. Petravick

Jan 12, 2007



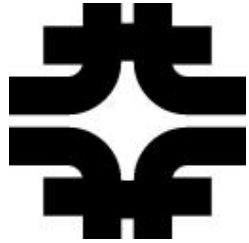
## *Main Result*

- Broad Understanding that the CMS computing model specifies that any T2 access any T1.
- Conflicts with current capabilities with US LHCNET.



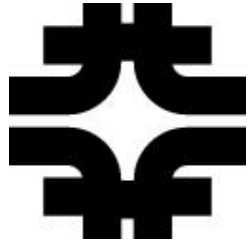
## *Findings*

- 1) Currently, all T2 connectivity is routed, and provided by (ESNET/Abilene) <-> GEANT.
- 2) CMS is committed to commissioning trans-atlantic T1 -> T2. Therefore, such traffic can be expected to grow starting immediately.
- 3) There were some notions that this transfer mode is also allowed by ATLAS despite common understanding to the contrary.



## *Findings*

- 4) In the short term, the way forward is to continue commissioning the data model using routed networks.
- 5) David Foster is a voting member on the relevant GEANT "GCC" committee. The committee next meets in November.



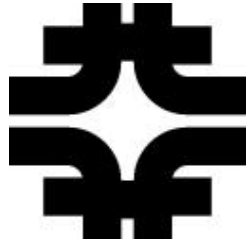
## *Findings*

- 6) David will discuss the LHC Trans Atlantic T1 <-> T2 program of work with GEANT. It's likely no conclusions would be reached, but it seems necessary begin a process by coming to the table with some specific request, even if tentative. It seems evident we need to learn how to work with GEANT.



## *Findings*

- 7) With some policy level work, The US LHCNET MANLAN <-> AMS link can be made available for routed access to GEANT. David can mention this as a resource. He must recognize the difficulties (below, Item 8) as currently pending.
- 8) Difficulties: The US LHCNET AUP has to be crafted in a way to allow this. This cannot be done unless HEP office agrees.



## *Findings*

- 9) ESENT, Abilene, and CMS seem to think this is adequate for a year or so, long enough to gain substantial experience with the computing model.